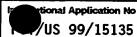
INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 47714-5002W0	FOR FURTHER see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.		
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)	
PCT/US 99/15135	02/07/1999	02/07/1998	
Applicant RESEARCH AND DEVELOPMENT	INSTITUTE, INC. et al.		
This international Search Report has been according to Article 18. A copy is being to	on prepared by this international Searching Aut ransmitted to the international Bureau.	hority and is transmitted to the applicant	
	s of a total of3 sheets. y a copy of each prior art document cited in this	report.	
Basis of the report With regard to the language, the language in which it was filed, un	International search was carried out on the bar less otherwise indicated under this item.	als of the international application in the	
the international search value 23.1(b)).	was carried out on the basis of a translation of t	he international application furnished to this	
b. With regard to any nucleotide as was carried out on the basis of the contained in the international subsequently to the statement that the subsequent application as	ie sequence listing: onal application in written form, emational application in computer readable form o this Authority in written form, o this Authority in computer readble form, besequently furnished written sequence listing d as filed has been furnished.		
	and unsearchable (See Box I).		
3. Unity of invention is lac	king (see Box II).		
4. With regard to the title,		<u>:</u>	
	bmitted by the applicant.		
the text has been established.	shed by this Authority to read as follows:		
5. With regard to the abstract,			
the text is approved as au the text has been establis within one month from the	ibmitted by the applicant. shed, according to Rule 38.2(b), by this Authorit e date of mailing of this international search rep	ty as it appears in Box III. The applicant may, ort, submit comments to this Authority.	
6. The figure of the drawings to be pub			
as suggested by the appli	cant.	X None of the figures.	
because the applicant fall			
because this figure better	characterizes the invention.		

INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/10 C12N9/12 //C12N9/90,(C12N9/12,C12R1:645)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N C12P

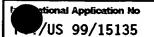
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
P,Y	LONG D.M. ET AL.: "In vivo addition of telomeric repeats to foreign DNA generates extrachromosomal DNAs in the taxol-producing fungus Pestalotiopsis microspora" FUNGAL GENET. BIOL., vol. 24, no. 3, August 1998 (1998-08), pages 335-344, XP000856850 the whole document	1–11		
Y	WO 97 38571 A (UNIV WASHINGTON) 23 October 1997 (1997-10-23) abstract page 3, line 8 - line 12 claims 28-30	1-11		

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(e) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person sidiled in the art. "8" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
1 December 1999	15/12/1999
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo ni, Fax: (+31–70) 340–3016	Galli, I

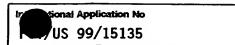
INTERNATIONAL SEARCH REPORT



		US 99/15135				
	C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.				
A	National Science Foundation, Grant No. 9724999, 1.7.1997-30.6.1998 Long D.M. & Strobel G.A., "SGER: efficient extrachromosomal replication of exogenous DNA by a filamentous fungus". http://fundedresearch.cos.com/cgi-bin/NSF/ getRec?9724999 XP002124429 cited in the application abstract	1-11				
A	STROBEL ET AL: "Taxol from Pestalotiopsis microspora, an endophytic fungus of Taxus wallachiana" MICROBIOLOGY, vol. 142, no. 142, 1996, page 435-440-440 XP002103985 ISSN: 1350-0872 cited in the application the whole document	1-11				
Α	JAVERZAT JP. ET AL.: "Isolation of telomeric DNA from the filamentous fungus Podospora anserina and construction of a self-replicating linear plasmid showing high transformation frequency" NUCL. ACIDS RES., vol. 21, no. 3, 1993, pages 497-504, XP002124428 the whole document	1-11				

INTERMATIONAL SEARCH REPORT

on on patent family members



Patent document cited in search report	!	Publication date		atent family member(s)	Publication date
WO 9738571	A	23-10-1997	AU AU EP	710405 B 2922597 A 0907312 A	16-09-1999 07-11-1997 14-04-1999